allworx
together is better.

1 Phone system
2 Network server
3 Message center

Allworx 9112 VoIP Phone

The phone that listens.

What do you want from a phone? The ability to make **calls over the Internet** or a standard phone line? **Flexible performance** as a PBX or Key system unit? **Portability** between home, office and remote sites? Whatever you need, the Allworx 9112 VoIP phone is listening!

The phone that listens

Allworx phones are the most flexible, easy-to-use phones on the market.

Keep it simple

Now you can communicate and collaborate like a large corporation. Our feature-rich phones are specifically engineered to be easy to use. For example, while other VoIP phones require multiple steps to access common features like conference calling or voicemail, Allworx has made the phone's most powerful features directly accessible through dedicated buttons.

Customize your features

Allworx VoIP phones let you create your own mix of traditional and new calling features, from button-activated phone lines to Voice over Internet. You can program features for the whole company, your team, or just yourself. Carry the phone wherever you go and your settings stay the same. No other phones are this flexible!

Lower your costs

Allworx phones help you control communication costs. Reduce your long distance charges dramatically by routing calls through linked Allworx 10x systems in regional locations. Use a dedicated VoIP service and pay one low monthly fee for all local and long distance calls. The possibilities are endless!

Beat the competition

Allworx phones represent a quantum leap in power and flexibility. They set a new standard, with features that no other VoIP phones have—all at a lower price. Our built-in switch even lets you use your PC's existing Internet connection for your phone, reducing wiring costs and installation time. Our innovations help you to easily make the most of new VoIP technology—giving you a competitive advantage!

1
2
3

Finally...exciting, new communications technology that's

VoIP that travels

Remote locations. With an Allworx VoIP phone and a high-speed Internet connection, you can:

- Be a virtual "extension" of the office.
- Talk to any office site with an Allworx 10x — typically incur NO long distance charges.
- Use your personal settings from any location.
- Access main office lines for local calls.

Site-to-site calling

Site-to-site. With Allworx phones and an Allworx 10x in each of your office locations, you can:

- Incur NO long distance charges between sites.
- Merge multiple sites with one system. Transfer calls between sites—the caller will never notice.
- Send and receive intercoms between sites.

Easy learning curve

Get up and running quickly. The Allworx phones are user-friendly, with easy-to-learn features.

- Mix and match PBX and Key features.
- Access powerful features with one touch.
- Add new features whenever you need them.

Imagine the cost savings and increased productivity!

VoIP: The smart phones

Step into the future of voice technology with powerful Allworx phones.

You can send and receive calls over your broadband Internet connection, dramatically reducing long distance charges.

For more information on VoIP, as well as actual case studies showing how Allworx works in customer offices, visit www.allworx.com.

1 2 3

designed specifically for small and medium businesses!

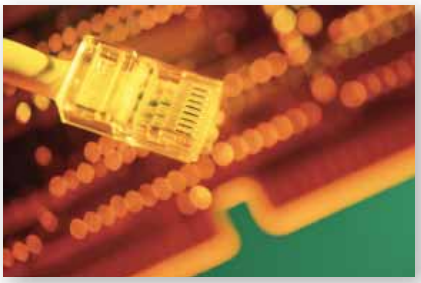
Presence management

Follow-me calling at your fingertips. You can change your call routing "presence" instantly, using:

- Any phone to call your voicemail.
- Softkeys and display on your Allworx phones.[2]
- Easy dropdown menu on your PC.

Money saving features

Drastically reduce long distance charges. Connect your Allworx 10x to an Internet Telephony Service Provider (ITSP) and use the power of broadband to save money. The Allworx 10x is ready to connect to VoIP service providers right out of the box. Contact Allworx for a current listing.



Powerful call queues[1,3]

Eliminate busy signals. With our call queuing features, callers will never get a busy signal again.

- Up to ten queues with 16 calls per queue.
- Individual phones can answer multiple queues.
- Each phone can be set to ring after user-defined number of callers or specified wait time.
- View continuously updated queue status on your PC screen or Allworx phone.

Imagine the cost savings and increased productivity!

How VoIP works

What is a VoIP phone?

A VoIP phone is much like any other phone on the outside, but inside, it's very different. It uses Voice over Internet Protocol (VoIP) technology to send calls over network lines instead of phone lines.

How does it work?

Allworx VoIP phones connect to the network with an Ethernet cable. When you place a call, it goes over your network to the Allworx 10x server. The server then sends the call out over either standard phone lines or broadband—we support both. When calls come in, the process is reversed. The process is the same for remote users connected to the Allworx 10x.

What are the main benefits?

VoIP phones are a part of the network—no need for a separate phone system. Phone numbers are assigned to individuals rather than physical locations—no need for separate office, cell phone and pager numbers. Our VoIP phones are portable, so you can take them home (or to any remote site) and save big money on long distance charges.

Is it based on a PBX or Key system?

Allworx VoIP phones are the first to truly emulate both Key and PBX behavior, giving you new technology with a look and feel you know—making the transition to VoIP easy. Whatever system your office has, you can set your phone to behave like a Key or PBX system, or a mix. It's *your* choice.

Chameleon behavior

With Allworx VoIP phones, you can change phone behavior to suit your needs: emulate PBX or Key system behavior, mix and match, or change it on the fly.

Key system behavior

- Push a button for a specific outside line; incoming calls illuminate that line's button.

- One incoming call can go to many people.

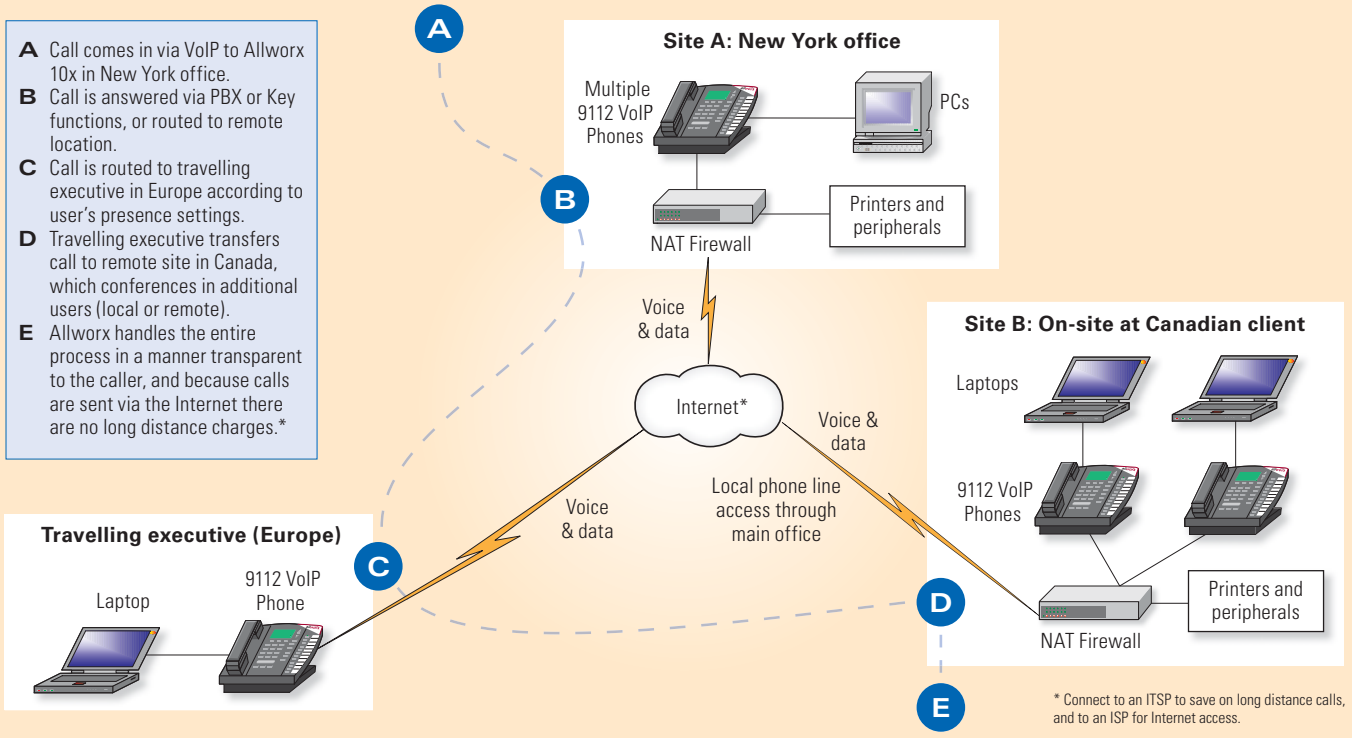
PBX system behavior

- Calls are routed to an extension by a phone system (e.g. Allworx 10x) in your office.

- One person can handle many incoming calls.

How it works

A Call comes in via VoIP to Allworx 10x in New York office.
B Call is answered via PBX or Key functions, or routed to remote location.
C Call is routed to travelling executive in Europe according to user's presence settings.
D Travelling executive transfers call to remote site in Canada, which conferences in additional users (local or remote).
E Allworx handles the entire process in a manner transparent to the caller, and because calls are sent via the Internet there are no long distance charges.*



* Connect to an ITSP to save on long distance calls, and to an ISP for Internet access.

Model 9112

The 9112 is a sophisticated and flexible top-of-the-line phone—perfect for executives, office managers, administrative assistants, and active employees who make and receive a high volume of calls.

Allworx 9112 VoIP phone

Powerful programmable features

With twelve Programmable Feature Keys and supporting up to twelve lines, the Allworx 9112 phone is a powerhouse communication tool. The 9112 can be programmed for any combination of PBX Call Appearance, Key System Line Appearance, call queuing, speed-dialing, direct station dialing, and busy lamp field. Other phones might offer programmable feature keys, but none have this level of versatility—giving **you** the power to create the phone that fits you best.

Call Appearance (PBX behavior)
On PBX systems, incoming calls are directed to extensions. Allworx phones allow you to manage these calls with Programmable Feature Keys. You could assign keys to represent different extensions, such as Sales, Accounting and yourself. Each key lights up as calls come in, allowing you to correctly identify and answer the calls. Call Appearance is the best choice when one person is answering many extensions.

Speed dialing
Phones can be programmed to automatically dial frequently called numbers, both internal and external.

Line Appearance (Key behavior)
In Key systems, an outside line connects directly to a phone. This approach works very well for multi-tenant or retail businesses whose employees pick up calls from any phone (e.g. "Bob, there's a call for you on line three"). Line Appearance give direct access to each line independently and immediately, and is the best choice when many people handle the same call across multiple phones.

Busy lamp field
From your phone, you can monitor the status of another phone by using a Programmable Feature Key.

Call queuing[1,3]
Answer incoming calls from various queues by assigning Programmable Feature Keys to represent specific call queues. The Allworx system supports up to ten different queues. The system automatically recognizes which phones are assigned and available to each queue.

Direct station selection
Automatically opens an intercom connection to any other phone on the network by creating a direct link between phones.

Allworx VoIP phones adapt to the unique needs of your business and employees, saving you time and money—and improving communication.

The Allworx 10x supercharges your Allworx phone

Allworx VoIP phones offer rich features and incredible savings at a great price, and when you connect them to the Allworx 10x system you get a supercharged, enterprise-class phone system.

The Allworx 10x

The Allworx 10x is a state-of-the-art communication system that integrates a sophisticated phone system, a robust data network and software productivity tools, all working together to increase employee productivity and business revenues. Designed for companies with up to 100 employees per site, the Allworx 10x improves communications while simultaneously reducing costs.

A perfect match

The Allworx VoIP phones were created by the same engineers who created the Allworx 10x system. These phones are designed to interact with and enhance the Allworx 10x system, optimizing your investment and giving you the features you need to supercharge your business communications.

Seamless integration

Allworx phones work seamlessly with the Allworx 10x system to provide a fully integrated communication solution. With a complete system, you can:

- View information about incoming calls on your computer.
- Search the company directory from your phone.
- Dial from your computer using the contacts you've already set up.[2]
- Page someone within a zone without any third-party tools or devices.
- Queue up calls so they are answered in the order received.[3]
- Change your presence by selecting any of seven status indicators.
- Easily let others know if you're in or away, at a meeting, or on a call.
- Check and respond to email over the phone using the text-to-speech capabilities included in the Allworx 10x.

System administration

System administrators can configure all phones directly from their offices with the easy-to-use browser interface software tool included in the Allworx 10x. The software includes templates that make it effortless to replicate settings across groups of phones, and automatically recognizes new phones as they're added to the network. There is no longer any need to go desk-to-desk, interrupting employees and disrupting business, just to configure the phones—they can even be rebooted remotely!

Features at a glance

You'll understand why the Allworx 9112 is so popular when you read the feature list and see our price. For more information, call us toll-free at 1-866-ALLWORX or visit us on the web at www.allworx.com.

Technical specifications

Overview

- Voice over Internet Protocol (VoIP) phone using SIP protocol.
- Supports twelve telephone lines.
- Integrated with Allworx 10x system and Allworx software features and capabilities.[1]
  - Integrated presence management settings
  - Integrated Allworx business directory for inter-company dialing

User configurable settings

- Ten personal speed dials from keypad (in addition to the option of assigning speed dials to the PFKs).
- Three dynamic soft keys, scroll up/down keys, and Select key that guide user through menus.
- Redial/Call Back/Call History — stores up to 99 numbers dialed.
- Hold reminder.
- Message waiting indicators (audible and visual).
- Display contrast.

Phone buttons

- Queue Appearance.
- 12 illuminated Programmable Feature Keys for any combination of Call Appearance, Line Appearance, speed-dialing, direct station selection, and busy lamp field.
- Help and user info via, Info Button, context sensitive information about all buttons on the phone, including Programmable Feature Key settings and personal speed dial information; provides additional information during active calls.
- Messages — used for fast access to the message center; this button is illuminated RED if new voicemail messages have arrived.
- Call transfer — allows for both attended and unattended (blind) transfers.
- Three party conference — supports 3-way calling.
- Station to station intercom — initiate a call to another Allworx station.
- Volume control — for full duplex speakerphone, handset, headset and ringer.
- Mute — turns off the microphone of the speakerphone, handset, and headset.
- Do not disturb (DND) — phone will receive no calls (calls follow current presence routing).
- Call hold — station-exclusive hold operation.
- Call park — system-wide hold which can be picked up at any other station.

Features

- Visual ring indicator — flashing indicator is visible from all angles.
- Presence management — view and modify Allworx presence settings from your phone, integrated with Allworx software.[1]
- Zone paging — make intercom announcements over all Allworx phones in a specific zone.[1]
- Music on hold — background music support.[1, 3]
- Centrex/CO flash (international support).[1]
- Remote SIP capability — access an Allworx phone and reset changes or have it authenticate to an Allworx 10x.[1]
- Non-volatile user settings — will not lose settings if power is lost.[1]
- Call history.
- Missed calls record.
- Call queuing — when all lines are busy, incoming calls hear a special message and are answered in consecutive order. System supports up to ten queues.[1, 3]
- TAPI functionality — contact information about incoming calls appears on computer, allowing you to answer it in hands-free mode by clicking a button; outgoing calls can be initiated in hands-free mode by clicking a button in the contact screen.[2]
- Hearing Aid Compatible (HAC) handset (meets American Disabilities Act requirements) and HAC compliance for magnetic coupling to approved HAC hearing aids.
- Handset cord expandable up to nine feet.
- High quality full duplex speakerphone.
- Built-in headset jack (2.5 mm).
- IP address assignment — DHCP client or statically configured.
- G.711 and G.729a audio compression.
- Line labels for easy reference.
- Download firmware updates from Allworx 10x system.[1]
- Case is sturdy textured black ABS plastic.
- Wall mountable.
- Tilt base with multiple angle positions.
- Two integrated 10/100 Ethernet switched ports.
- Quality of Service (QoS) – supports VLAN capability, Call Admission Control (CAC), DiffServ, and priority queuing.[1]
- Directory Dialing — access all users' extensions via phone display and auto dial.[1]
- Speed dials — 1000[1] programmable, company-wide speed dials and ten personal speed dials per user.

Display

- Large graphical LCD screen provides scrollable information.
  - Resolution: 128 x 64 pixels
  - Dimensions: 2.25" x 1.25"
  - Font size: 8 pt and 12 pt
  - Number of lines: up to eight lines of text
- Caller ID — shows name and phone number of incoming caller (as available).
- Displays multiple simultaneous calls — scroll between calls on hold.
- Two clocks — Call Timer and Time of Day.
- Date display.

Administration[1]

- Customizable templates for quick installation and configuration.
- Programmable dialing plan.
- Server commanded auto-reboot & manual reboot.
- Automatic software upgrades for phones.
- Status log.
- Phone security options.
- Factory test and diagnostics support.
- PC integration and remote control (TAPI).[2]
- The Programmable Feature Keys (PFKs) are configured specific to each system station and are customizable based on end user needs.
- Mix PBX and Key phone features per system, group or phone.
- Automatically reassign user settings when replacing phone(s).
- Online installation instructions.

Electrical and regulatory information

- Power options:
  - 24V DC adapter, supplied locally at the desktop using the included AC to DC power supply
  - Power over Ethernet (PoE) 802.3af

Height and weight

- Dimensions: 9" H x 7.5" W x 8" D (22.9 x 19 x 20.3 cm).
- Weight: 2.3 lb (1.04 kg).

Options

- Headset.

Warranty

- One year limited warranty from date of purchase.

1. When used with an Allworx 10x.
2. Available December 2005.
3. Sold as an option.

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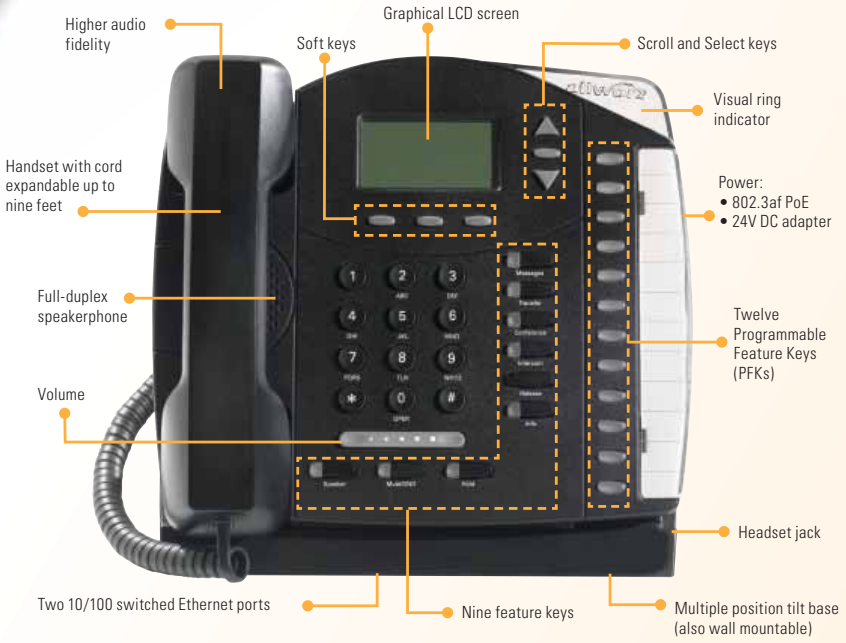
together is better.

The Allworx 9112 VoIP phone:

The phone that listens.

This sleek new phone doesn't just look good—it meets your needs for today and prepares you for tomorrow. With Allworx phones, you hear the future.

Allworx 9112 VoIP phone



Feature List

Adjustable stand—multi-position or wall mount	•
Call history/Missed call	•
Caller ID	•
Call queuing—number of queues/callers per queue	10/16
Call waiting—displays caller information on LCD	•
Check messages button	•
Conference call button—up to three callers	•
Distinctive ring types—distinguishes different types of calls	•
Do Not Disturb button—eliminates interruptions	•
Headset jack	•
Hold button	•
Info button—accesses on-screen help	•
Intercom button—connects to other extensions	•
Maximum number of lines—calls per phone	12
Mute button	•
Programmable Feature Keys—customize phone your	12
Redial	•
Release button—relinquishes line without hanging up	•
Speakerphone—Full-duplex sound allows simultaneous talking	•
Speakerphone button—activates microphone and speaker	•
TAPI support—integrates phone and computer[2]	•
Transfer call button	•
Visual ring indicator	•

For a full description of phone specifications turn to page 7.

Increase the power of your Allworx phones with an Allworx 10x system. The Allworx 10x is a state-of-the-art communication system that integrates a sophisticated phone system, a robust data network and software tools, all working together to increase employee productivity and business revenues. Designed for companies of up to 100 employees per site, the 10x works hand in glove with your Allworx phones to achieve breathtaking savings in time and money.

Phone system

- Full PBX & Key system
- Voice over Internet
- Site-to-site access
- Remote user
- Unified messaging

Network server

- WAN access
- Email/file/web server
- LAN network
- Internet security
- Full redundancy

Message center

- Group calendaring
- One voice/email InBox
- Contact management
- Email software
- Group collaboration

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